

PREPARED BY THE CONSULTING FIRM OF		SEAL
RECOMMENDED	DATE	
RECOMMENDED		
SQUAD MANAGER, CONSTRUCTION	DATE	
GROUP ENGINEER, CONSTRUCTION	DATE	
ASSISTANT DIRECTOR, TRANSPORTATION SOLUTIONS (CONSTRUCTION)	DATE	
RECOMMENDED	SEAL	
STORMWATER ENGINEER	DATE	

DEPARTMENT		OF		TRANSPORTATION	
RECOMMENDED	SEAL	RECOMMENDED	SEAL	RECOMMENDED	SEAL
SQUAD MANAGER, TRANSPORTATION SOLUTIONS (PROJECT DEVELOPMENT OR BRIDGE DESIGN)	DATE	BRIDGE DESIGN ENGINEER	DATE	GROUP ENGINEER, PROJECT DEVELOPMENT	DATE
				ASSISTANT DIRECTOR, TRANSPORTATION SOLUTIONS	DATE
					SEAL
				APPROVED	SEAL
				CHIEF ENGINEER	DATE

THE STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY
UNITS

FINAL PLAN

SPECIFICATION AND CONSTRUCTION PLANS FOR:
AIRPORT ROAD/CHURCHMANS ROAD
INTERSECTION IMPROVEMENTS

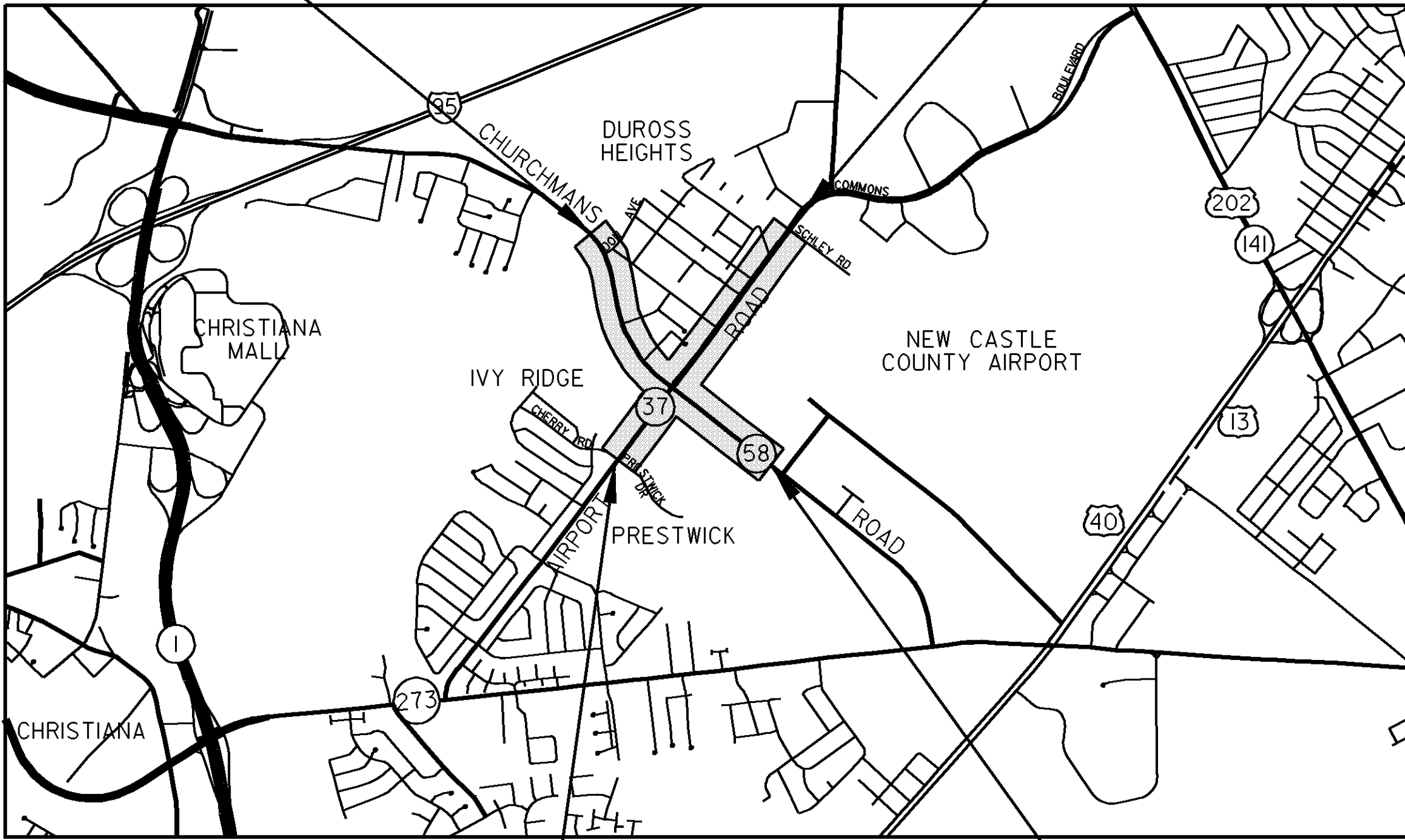
CONTRACT NUMBER 22-III-02
FEDERAL AID PROJECT NUMBER ESTP-N339 (4)

FROM MILE POST TO MILE POST

ROADWAY LENGTH 9.892 FEET= 1.87 MILES
STRUCTURE LENGTH N/A FEET= N/A MILES
TOTAL LENGTH 9.892 FEET= 1.87 MILES

LIMIT OF CONSTRUCTION
CONTRACT 22-111-02
STATION 86 + 00

END
CONTRACT 22-111-02
STATION 61 + 52



BEGIN
CONTRACT 22-111-02
STATION 10 + 05

LIMIT OF CONSTRUCTION
CONTRACT 22-111-02
STATION 136 + 50

COUNTY	M.R. NO.	SHEET NUMBER		TOTAL SHEETS
NEW CASTLE	N339	I		180
DESIGN DESIGNATION				
AIRPORT ROAD				
FUNCTIONAL CLASS: <u>MINOR ARTERIAL</u>		D.H.V. PROJECTED: <u>3,450</u> YEAR: <u>2025</u>		
TYPE OF CONSTRUCTION: <u>INTER IMPROVEMENT</u>		DESIGN SPEED: <u>50</u> M.P.H.		
A.A.D.T. CURRENT: <u>19,125</u> YEAR: <u>1999</u>		TRUCKS: <u>4</u> %		
A.A.D.T. PROJECTED: <u>31,400</u> YEAR: <u>2025</u>		DIRECTION DISTRIBUTION % <u>60/40</u>		
CHURCHMANS ROAD				
FUNCTIONAL CLASS: <u>PRINCIPAL ARTERIAL</u>		D.H.V. PROJECTED: <u>2,395</u> YEAR: <u>2025</u>		
TYPE OF CONSTRUCTION: <u>INTER IMPROVEMENT</u>		DESIGN SPEED: <u>50</u> M.P.H.		
A.A.D.T. CURRENT: <u>13,705</u> YEAR: <u>1999</u>		TRUCKS: <u>3</u> %		
A.A.D.T. PROJECTED: <u>26,600</u> YEAR: <u>2025</u>		DIRECTION DISTRIBUTION % <u>65/35</u>		
INDEX OF SHEETS				
SHEET N°	TABLE OF CONTENTS			
1	TITLE			
2	PLAN SHEET INDEX			
3	NOTES & LEGEND			
4	PROJECT NOTES			
5-11	TYPICAL SECTIONS			
12	HORIZONTAL AND VERTICAL CONTROL			
13-25	CONSTRUCTION PLANS			
26-46	PROFILES			
47-60	GRADES AND GEOMETRICS			
61-64	STORMWATER MANAGEMENT PLANS AND DETAILS			
65-69	CONSTRUCTION DETAILS			
70-76	STREAM DIVERSION PLANS			
77-83	RETAINING WALL PLANS			
84-114	CONSTRUCTION PHASING, MOT AND EROSION CONTROL			
115-121	ENVIRONMENTAL COMPLIANCE PLANS			
122-134	LANDSCAPING PLANS			
135-141	LIGHTING PLANS			
142-152	UTILITY RELOCATION PLANS			
153-161	SIGNING, STRIPING AND CONDUIT PLANS			
162-174	SIGNALIZATION PLANS			
175-180	QUANTITY SUMMARY			